

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	8	("5650945"   "5795300"   "5807267"   "5810736"   "5853372"   "6183422"   "6533729"   "6553242").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 12:26
S2	0	florian-joseph.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/28 16:40
S3	1307	600/476.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 16:41
S4	8	("5650945"   "5795300"   "5807267"   "5810736"   "5853372"   "6183422"   "6533729"   "6553242").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 16:41
S5	0	(thin adj disk) same biometric	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 18:46
S6	0	(thin adj disk) same (biometric or (heart with rate))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 18:46
S7	0	(thin adj (disk or disc)) same (biometric or (heart with rate))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 18:46
S8	8	(thin with (disk or disc)) same (biometric or (heart with rate))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 18:46
S9	3500	(light wheel) same (biometric or (heart with rate))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 18:48
S10	0	(light adj wheel) same (biometric or (heart with rate))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 18:48

S11	417	(light adj wheel)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 18:48
S12	10	S11 and (biometric)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 18:48
S13	0	(thni with disk) same optical	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 18:50
S14	5579	(thin with disk) same optical	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 18:50
S15	10	S14 and (biometric)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 18:50
S16	10	S15 not S12	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 18:50
S17	0	S16 and (heart with rate)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 18:51
S18	9	S14 and (heart with rate)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 18:51
S19	1412	S14 and (pulse)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 18:51
S20	4	S18 and pulse	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 18:51
S21	8	S4 and (optic\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 18:52
S22	1	S21 and ((light with wheel) or (thin with disk) or disk or (thin with film))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 18:53
S23	1	S21 and (waveguide or (wave with guide))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 18:55
S24	23	("3926179"   "4201222"   "4799491"   "4802488"   "4830014"   "5018529"   "5140990"   "5158091"   "5165416"   "5195522"   "5261412"   "5273046"   "5363855"   "5485848"   "5490506"   "5724025"   "5832924"   "5908027"   "5984874").PN. OR ("6533729").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 18:55

S25	1	S21 and (light with pipe)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 18:59
S26	0	S21 and (aperture)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:00
S27	37	("4280506"   "4450843"   "4781195"   "4807639"   "4892101"   "5099853"   "5353791"   "5431170").PN. OR ("5795300").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:01
S28	23	("3426747"   "4083366"   "4120296"   "4224948"   "4252128"   "4295472"   "4406290"   "4409983"   "4425921"   "4685464"   "4915116"   "4971062"   "5065749"   "5243992"   "5301154"   "5313940"   "5431170").PN. OR ("5810736").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:05
S29	88	S28 or S27 or S4 or S24	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:06
S30	8	S29 and (aperture)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:07
S31	5	S29 and ((wave with guide) or (light with pipe) or (thin with disk) or (light with wheel))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:07
S32	29	("5000188"   "5197489"   "5243992"   "5301154"   "5431170"   "5539706"   "5558096").PN. OR ("5807267").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:10
S33	417	light adj wheel	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:12

S34	109	S33 and aperture	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:12
S35	6	S34 and grating	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:12
S36	0	S34 and TIR	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:14
S37	6	S35 and mirror	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:15
S38	6	S35 and beam	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:15
S39	6	S37 and beam	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:15
S40	0	S39 and ((wave with guide) or waveguide)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:15
S41	2	S39 and (light with pipe)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:16
S42	2	S3 and light adj wheel	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:17
S43	2	S3 and (light adj wheel)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:17
S44	0	S3 and (thin-disk)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:18
S45	1267	600/500	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:19
S46	2	S45 and (light with wheel)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:19
S47	6	S4 and filter	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:20
S48	13	S45 and (waveguide)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:21
S49	22	(US-5650945-\$ or US- 5795300-\$ or US- 5807267-\$ or US- 5810736-\$ or US- 5853372-\$ or US- 6183422-\$ or US- 6533729-\$ or US- 6553242-\$ or US- 4799491-\$ or US- 4802488-\$ or US- 4830014-\$ or US- 5195522-\$ or US- 5261412-\$ or US- 5908027-\$ or US- 5984874-\$ or US- 4450843-\$ or US- 5099853-\$ or US-	USPAT	OR	ON	2008/03/28 19:27

		6811535-\$ or US-6843771-\$ or US-6052056-\$ or US-7272428-\$ or US-6030342-\$).did.				
S50	8	S49 and (aperture or slit or hole or space or gap)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:27
S51	7	S45 and grating	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:32
S52	1	(light adj wheel) and (wristwatch or (wrist with watch))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:34
S53	2055	(light with wheel) same (wristwatch or watch or strap or band)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:36
S54	88	S53 and ((heart or pulse) with rate)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:36
S55	67	S54 and (measure or measurement)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:37
S56	56	S55 and (optic\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:37
S57	17	S56 and ((waveguide) or (light adj pipe))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 19:37
S58	22	(US-5650945-\$ or US-5795300-\$ or US-5807267-\$ or US-5810736-\$ or US-5853372-\$ or US-6183422-\$ or US-6533729-\$ or US-6553242-\$ or US-4799491-\$ or US-4802488-\$ or US-4830014-\$ or US-5195522-\$ or US-5261412-\$ or US-5908027-\$ or US-5984874-\$ or US-4450843-\$ or US-5099853-\$ or US-6811535-\$ or US-6843771-\$ or US-6052056-\$ or US-7272428-\$ or US-6030342-\$).did.	USPAT	OR	ON	2008/03/28 19:45

S59	36	(US-5650945-\$ or US-5795300-\$ or US-5807267-\$ or US-5810736-\$ or US-5853372-\$ or US-6183422-\$ or US-6533729-\$ or US-6553242-\$ or US-4799491-\$ or US-4802488-\$ or US-4830014-\$ or US-5195522-\$ or US-5261412-\$ or US-5908027-\$ or US-5984874-\$ or US-4450843-\$ or US-5099853-\$ or US-6811535-\$ or US-6843771-\$ or US-6052056-\$ or US-7272428-\$ or US-6030342-\$ or US-5197489-\$ or US-5243992-\$ or US-5301154-\$ or US-5431170-\$).did. or (US-5539706-\$ or US-6099478-\$ or US-6132382-\$ or US-6210344-\$ or US-6402692-\$ or US-6491647-\$ or US-6529754-\$ or US-6537273-\$ or US-6574491-\$ or US-6791462-\$).did.	USPAT	OR	ON	2008/03/28 19:47
S60	36	S59 and (optical or aperture or slit or exit or entry or entrance or beam or turning or tuning of waveguide or (wave with guide) or (thin-disk) or (thin with disk) or surface or filter or light or (light adj wheel) or wheel or (light with wheel) or wedge or (pie-wedge) or (pie with wedge) or grating or array or (waveguide with array) or phase	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 20:05

or symmetric or  
hologram or  
holograph\$3 or  
radially or (thin with  
disc) or (thin-disc) or  
orthogonal or axis or  
opaque or curved or  
curvature or curving  
or cylinder or  
cylindrical or internal  
or reflection or air or  
(air with slit) or  
mirror or cone or  
conic or conical or  
(light adj pipe) or  
condens\$4 or  
illumination or  
illuminate or source  
or coupling or couple  
\$2 or photodetector  
or (photo with  
detector) or tissue or  
transmit\$5 or  
transmission or  
modulated or modulat  
\$4 or higher or  
energy or density or  
collection or lens or  
computer or cpu or  
processor or  
microprocessor or  
redirect or incident or  
incidence or watch or  
wrist or wristwatch or  
wristband or face or  
semiconductor or  
electric or signal or  
software or program  
or programmable or  
process\$4 or  
indicator or indicat\$4  
or user or graphical  
or interface or gui or  
scatter\$3 or outward  
\$3 or emitting or  
emit or emitted or  
annular or TIR or  
impulse or (optical  
with path) or block or  
(beam with block) or  
concentric or focus or  
(heart with rate) or  
(pulse with rate))

S61	36	S59 and (optical or aperture or slit or exit or entry or entrance or beam or turning or tuning of waveguide or (wave with guide) or (thin-disk) or (thin with disk) or surface or filter or light or (light adj wheel) or wheel or (light with wheel) or wedge or (pie-wedge) or (pie with wedge) or grating or array or (waveguide with array) or phase or symmetric or hologram or holograph\$3 or radially or (thin with disc) or (thin-disc) or orthogonal or axis or opaque or curved or curvature or curving or cylinder or cylindrical or internal or reflection or air or (air with slit) or mirror or cone or conic or conical or (light adj pipe) or condens\$4 or illumination or illuminate or source or coupling or couple \$2 or photodetector or (photo with detector) or tissue or transmit\$5 or transmission or modulated or modulat \$4 or higher or energy or density or collection or lens or computer or cpu or processor or microprocessor or redirect or incident or incidence or watch or wrist or wristwatch or wristband or face or semiconductor or	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 20:07
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		electric or signal or software or program or programmable or process\$4 or indicator or indicat\$4 or user or graphical or interface or gui or scatter\$3 or outward \$3 or emitting or emit or emitted or annular or TIR or impulse or (optical with path) or block or (beam with block) or concentric or focus or (heart with rate) or (pulse with rate) or detector or coating or bias or (blazed with grating))				
S62	7	S61 and photodetector	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 20:10
S63	0	S61 and ((light adj wheel) or (thin adj (disc or disk)))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 20:13
S64	0	S61 and ((light with wheel) or (thin adj (disc or disk)))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 20:14
S65	0	S61 and ((light with wheel))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 20:14
S66	1	S61 and ((wheel))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 20:14
S67	1	S61 and grating	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/28 20:16

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